

Lake County Office of Education

AUTOMATED EXTERNAL DEFIBRILLATOR (AED) POLICY

PURPOSE:

To provide guidance in the management, maintenance, and administration of Lake County Office of Education's AED program and insure conformity to all AED related state statutes.

POLICY:

The **District Nurse** will manage the Lake County Office of Education Automated External Defibrillator Program.

Sudden Cardiac Arrest (SCA) is a condition that occurs when the electrical impulses of the human heart malfunction causing a disturbance in the heart's electrical rhythm called ventricular fibrillation (VF). This erratic and ineffective electrical heart rhythm causes complete cessation of the heart's normal function of pumping blood, resulting in sudden death. The most effective treatment for this condition is the administration of an electrical current to the heart by a defibrillator, delivered within a short time of the onset of ventricular fibrillation.

An AED is used to treat victims who experience Sudden Cardiac Arrest. The AED will analyze the heart rhythm and advise the operator if a shockable rhythm is detected. If a shockable rhythm is detected, the AED will charge to the appropriate energy level and advise the operator to deliver a shock. The fully automatic AED equipment which has been acquired by the Lake County Office of Education is designed to be incapable of delivering a shock except when sensors detect an appropriately shockable rhythm. This feature virtually eliminates any potential to cause harm by mistaken use.

RESPONSIBILITIES:

The District Nurse under the direction of the prescribing Medical Oversight Physician will be the program coordinator. The **District Nurse** will oversee all student, employee, or other adult incident which caused the AED to be used. The program responsibilities of the **District Nurse** will include the following:

- See that each site has a medical emergency chain of command
- Coordinate CPR/AED training for each site with AED/retained records of training
- Coordinate equipment and accessory maintenance/documentation
- Maintain files with specifications and technical information for each approved AED model assigned to each school
- Notify **District Office** and Site Office of any change in availability or location of AED
- Will decontaminate the area and equipment following any incident which requires the use of the AED
- The **District Nurse** will be contacted if there is an incident after hours that requires the use of the AED
- Communicate with all appropriate medical personnel
- The **District Nurse** will perform monthly readiness checks and complete required documentation n

- Following an event involving the use of the AED, the **District Nurse** will send recorded data from the AED Data Port to either local treating Physician, or to Prescribing Physician, within one day of the AED incident
- The **District Nurse** will send post-event AED in, and coordinate the replacement equipment, and return AED to readiness
- The **District Nurse** will make an incident report of any AED incident and forward it to Supervisor, and participate as needed in any post-incident reviews and debriefings

MEDICAL CONTROL:

The medical advisor of the AED program is the prescribing physician designated by the AED provider. The **District Nurse** has a copy of the prescriptions on file. The medical advisor of the AED program has ongoing responsibility for:

- Providing medical direction for use of AED's
- Writing a prescription for AED's
- Reviewing and approving guidelines for emergency procedures related to use of AED's and CPR
- Evaluation of post-event review forms and digital files downloaded from the AED

Authorized AED Users:

The AED may be used by: Trained Staff, Non-trained Staff, Volunteers or Bystanders

AED-Trained Employee Responsibilities:

- Call 911
- Activate internal emergency response system and provide prompt basic life support including AED and first aid according to training and experience
- Understand and comply with requirements of this policy
- Follow the more detailed procedures which were taught in CPR/AED trainings

Non-Trained staff Responsibilities:

Anyone can, at their discretion, provide voluntary assistance to victims of medical emergencies.

Equipment:

Currently, the **LIFEPAK® Automated External Defibrillators (AED's)** have been approved for this program.

The Agency will continue to provide for CPR/AED training.

Authority: California Health and Safety Code sec.1797.196
California Civil Code sec. 1714.21
California AB 2083